

# United States Patent [19]

Carey et al.

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## [54] DRUG ADMINISTRATION

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[\*] Notice: The portion of the term of this patent subsequent to Oct. 22, 2002 has been disclaimed.

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## Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 501,187, Jun. 6, 1983, Pat. No. 4,548,922.

[51] Int. Cl.<sup>4</sup> ..... A61K 39/00; A61K 31/56; A61K 37/26

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514/2; 514/4; 514/12; 514/171

[58] Field of Search ..... 424/238; 514/4, 171

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## [57] ABSTRACT

Compositions and methods useful for the prevention or treatment of a human or animal disorder or for the regulation of a human or animal physiological condition are provided. The compositions used comprise, in admixture, a biologically-effective amount of a drug specific for the disorder or condition and a biocompatible, water-soluble, amphiphilic steroid, other than a natural bile salt, which is capable of increasing drug permeability of the human or animal body surface across which the drug is to be administered, in an amount effective to increase the permeability of the surface to the drug.

76 Claims, No Drawings